

## DOCUMENT 00912

**ADDENDUM NUMBER 2**

Issued: November 26, 2003

Pump and Collector Capacity Project  
Wohler-Forestville Pipeline  
(A Russian River-Cotati Intertie Project)

FROM: Sonoma County Water Agency  
PO Box 11628  
Santa Rosa, CA 95406-1628

TO: Prospective Bidders

This Addendum forms a part of and modifies the Project Manual dated November 2003 and Addendum Number 1 dated November 19, 2003. Bidder shall acknowledge receipt of this Addendum in the space provided in Document 00400 (Bid Form).

Double-underline designates text to be inserted; ~~strikethrough~~ designates text to be deleted.

Addendum Number 2 consists of 1 pages and 8 attachments (attachments consist of 15 pages and 4 Drawings).

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**I. General Changes**

A. No changes.

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**II. Changes to Prior Addenda**

A. No changes.

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**III. Changes to Introductory Information and Bidding Requirements**

A. Document 00010 (Table of Contents):

1. Insert the following after Section 15118 (Miscellaneous Valves) in the contents listing for Division 15 – Mechanical:

15141 Steel Pipe, Black and Galvanized

2. Insert the following after Section 16120 (Conductors and Cables) in the contents listing for Division 16 – Electrical:

16130 Raceway and Boxes

16140 Wiring Devices

B. Document 00200 (Instructions to Bidders):

1. Paragraph 9:

Change “60 Days” to “90 Days”

2. Add the following to Paragraph 20.C.2.:

At least one of the three projects must include buried installation of 36-inch diameter or larger concrete cylinder pipe or mortar-lined steel pipe (minimum length of 2,000 linear feet).

3. Modify the second sentence of Paragraph 20.D.1.a.2) as follows:

At least one of the three ~~P~~projects must include buried installation of 36-inch diameter or larger concrete cylinder pipe or mortar-lined steel pipe (minimum length of 2,000 linear feet).

C. Document 00450 (Statement of Qualifications for Construction Work):

1. Part D, modify second sentence of third paragraph as follows:

At least one of the three ~~Listed~~ projects must include buried installation of 36-inch diameter or larger concrete cylinder pipe or mortar-lined steel pipe (minimum length of 2,000 linear feet).

2. Part E, modify second sentence of third paragraph as follows:

At least one of the three ~~Listed~~ projects must include buried installation of 36-inch diameter or larger concrete cylinder pipe or mortar-lined steel pipe (minimum length of 2,000 linear feet).

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#### **IV. Changes to Contracting Requirements**

- A. No changes.

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#### **V. Changes to Conditions of the Contract**

- A. Document 00700 (General Conditions):

1. Modify paragraph 9.3.E. as follows:

Where Defective Work or rejected Work (and damage to other Work resulting therefrom) has been corrected, removed, or replaced under this provision after the commencement of the correction period, the correction period hereunder with respect to such Work shall be extended for an additional period of one year, or such longer period of time as may be prescribed by laws, regulations, or by the terms of the Contract Documents. after such correction or removal and replacement has been satisfactorily completed.

- B. Document 00821 (Supplementary Conditions – Insurance):

1. Modify Paragraph 2.A, sub item 4.2.A.2 as follows:

All-Risk Course of Construction Insurance covering all damage to ~~the~~ property owned by Owner, Contractor, or third parties ~~fire, flood, etc.~~ that occurs regardless of negligence by the Contractor and shall include coverage for fire, flood, Acts of God, and third-party vandalism. ~~, including damage to property owned by Owner, Contractor or third parties caused by fire.~~ Insurance shall be in the amount of 100 percent of the completed value of the Work to be performed under this Contract. Deductible shall not exceed \$10,000. Each loss shall be borne by Contractor.

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**VI. Changes to Specifications****A. Section 01100 (Summary):****1. Paragraph 1.3D.18:**

In line 3, change “12-inch drain inlet” to “36-inch drain inlet”

**2. Modify Paragraph 1.6B.1 as follows:**

Coordinate with Owner to allow for Owner’s uninterrupted access to the Wohler Maintenance Yard, including delivery of chlorine and caustic soda and other Owner operational requirements to the Wohler Maintenance Yard. Upon prior written approval of Owner, portions of the paved access road to the Wohler Maintenance Yard (approximately Station 71+50 to 79+00) may be temporarily closed to vehicular traffic for pipeline installation. The entrance gate to the Wohler Maintenance Yard shall remain operational at all times during construction.

**B. Section 01200 (Price and Payment Procedures):****1. Paragraph 1.7C.1.:**

In line 1, change “ten Days” to “30 Days”

**C. Delete Section 01450 (Quality Control) and replace with the new Section 01450 (Quality Control) attached and marked “Addendum Number 2.”****D. Section 01500 (Temporary Facilities and Controls):****1. Paragraph 1.5B.4.a.:**

Change “topping” to “tapping”

**2. Paragraph 1.5B.4.c.1):**

In line 1, change “Top” to “Tap”

**3. Paragraph 1.5B.4.c.2)(f):**

Change “topping” to “tapping”

**4. Paragraph 1.5B.4.c.2)(f):**

Change “topping” to “tapping”

**5. Paragraph 1.11B.1, modify title of the Caltrans manual as follows:**

Manual of Traffic ~~Safety~~ Controls for Construction and Maintenance Work Zones

**6. Insert the following as Paragraph 1.11B.2, renumber remaining paragraphs accordingly:**

The design of special advanced warning signs shall be black lettering on an orange background and conform to the Caltrans Traffic Sign Specifications.

**7. Insert the following as Article 1.13, renumber remaining Articles accordingly:****1.13 PROJECT IDENTIFICATION SIGNS****A. General:**

1. Provide and place the Project identification signs as indicated and as specified herein and subsequently remove and dispose of the signs Off Site after Final Acceptance.

**B. Products:**

1. Face of signs: Douglas fir exterior plywood, grade A/C-X or better.
2. Posts: Rough No. 2 Douglas fir or better.

## 3. Paint:

- a. Primer: white exterior latex primer
- b. Paint: flat white latex paint
- c. Lettering: soft-gloss black latex paint
- d. Owner's logo: standard colors as provided by Owner

## C. Execution:

1. Sign construction: Embed posts into the ground in holes backfilled with clean, dry sand compacted to 95% relative compaction by jetting or ponding. Secure plywood to each post with 8 evenly spaced 16d galvanized nails.
2. Paint all exposed parts of the posts and both sides of the plywood with one coat of primer. Paint the front of the signs with two additional coats of paint.
3. Lettering: Helvetica medium, of the sizes and wording indicated
4. Placement and removal: Place signs before any other construction commences. Locations of Project identification signs indicated are approximate only. Exact locations of signs shall be as determined by Owner. Remove signs after the final inspection.
5. A professional sign painter shall prepare the sign.

## E. Section 02230 (Site Clearing):

1. Modify Paragraph 3.2C as follows:

Neatly and cleanly ~~Remove~~ all shrubs, plants, vines, ~~vegetation~~ vineyard trellis, vineyard end-posts, above-ground irrigation, rock, and other debris within the clearing limits that is not designated to remain. Remove trees where indicated.

## F. Section 02320 (Trenching, Backfilling, and Compacting for Utilities):

1. Modify Paragraph 2.1A.1.c. as follows:

Gradation conforming to the following:

Size	Percent Passing (by dry weight)
1/2 inch	100
3/8 inch	<del>0-10</del> <u>90-100</u>
#4	35-45
#30	0-10
#200	0-3

## G. Section 13110 (Cathodic Protection):

1. At all occurrences in Paragraph 2.1A.8.:

Change "THHW" to "THHN"

## H. Section 13423 (Flow Meters):

1. Insert the following before Paragraph 1.1A.8.a and renumber remaining paragraphs accordingly:
  - a. See Section 16050 (Basic Electrical Materials and Methods)

2. Modify Paragraph 1.3.A as follows:
  - A. Special Warranty:
    1. Flow meter: two-year manufacturer warranty on materials and workmanship
    2. Flow signal totalizer: Three-year manufacturer warranty on materials and workmanship
    3. Special warranties shall include shipping and Site visits
3. Insert the following after Paragraph 2.4C.2.a.1)(j):
  - (k) Input impedance of 100 ohm (current)
  - (l) UL approved
4. Insert the following after Paragraph 3.1B.:
  1. Connect power from existing panelboard.
5. Insert the following after Paragraph 3.2A.:
  - B. Calibrate digital indicator with flow meter.
- I. Section 15051 (Basic Piping Materials and Methods):
  1. Modify Paragraph 2.6E.2. as follows:  
~~Full faced, 1/16-inch thick or~~ 1/8-inch thick material in accordance with ANSI/AWWA C207, Section 4.1.3 "Gaskets" and the accompanying Table 1.
  2. Delete Paragraph 3.4A.3. and replace with the following:
    3. Annular Space Sealant Material:
      - a. Drainage and electrical structures: Class A non-shrink grout.
      - b. Above-ground structure penetrations: Class A non-shrink grout.
      - c. All other structures/applications: Watertight Elastomeric Non-Hardening Sealant Material, unless otherwise approved by Owner.
  3. Paragraph 3.5A.5.:  
 Change "residue" to "residual"
- J. Section 15055 (Disinfection and Bacteriological Testing):
  1. Insert the following after Paragraph 3.4B.2.:
    - a. Provide 72-hour notice to Owner for North Coast Regional Water Quality Control Board notification.
  2. Modify Paragraph 3.4B.3.a. as follows:  
 To land where runoff to concentrated ~~flow drainages can be avoided~~ drainage ways will not occur.
  3. Insert the following after Paragraph 3.4B.3.c.:
    - 1) Provide 48-hour notice to Owner for North Coast Regional Water Quality Control Board notification.
    - 2) Quality of discharge water:
      - (a) No measurable settleable solids
      - (b) Turbidity less than 20 NTU
- K. Section 15115 (Air Valves):
  1. Paragraph 2.2A.1.e.1):  
 Change "1/2-inch" to "1/4-inch"

- L. Insert the attached Section 15141 (Steel Pipe, Black and Galvanized), marked “Addendum Number 2,” in sequence in Division 15 – Mechanical, following Section 15118 (Miscellaneous Valves).
- M. Section 15143 (Concrete Bar-Wrapped Cylinder Pipe):
  - 1. Paragraph 1.4B.:  
Change “Pre-Construction” to “Pre-Connection”
- N. Section 15185 (Motor Operators):
  - 1. Paragraph 2.2N.6:  
Change “20 amps” to “10 amps”
  - 2. Paragraph 2.2O.1:  
Change “open-stop” to “open-close”
- O. Insert the attached Sections 16130 (Raceway and Boxes) and 16140 (Wiring Devices), marked “Addendum Number 2,” in sequence in Division 16 – Electrical, following Section 16120 (Conductors and Cables)

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## **VII. Changes to Drawings**

- A. Delete Drawing Number 60-4-102.427 and replace with the attached Drawing Number 60-4-102.427 marked “11-24-03 Addendum No. 2.”
- B. Delete Drawing Number 60-4-102.428 and replace with the attached Drawing Number 60-4-102.428 marked “11-24-03 Addendum No. 2.”
- C. Delete Drawing Number 60-4-102.432 and replace with the attached Drawing Number 60-4-102.432 marked “11-24-03 Addendum No. 2.”
- D. Delete Drawing Number 60-4-102.433 and replace with the attached Drawing Number 60-4-102.433 marked “11-24-03 Addendum No. 2.”
- E. Drawing Number 60-4-102.437, Project Identification Sign detail, in line 3 of callout at top of detail:  
Change “orange” to “white”

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## **VIII. Question(s)/Answer(s)**

Owner's responses to Bidder questions shall be for the purposes of interpretation and clarification of the Contract Documents only, and shall not be construed as changing, superceding, or contradicting any express term in the Contract Documents. If any Bidder believes that a response to a question warrants a change in any term in the Contract Documents, the Bidder shall so request the change be made in writing addressed to Owner and received no later than the latest date for submitting Bidder questions. In the absence of a change in any term of the Contract Documents, the express terms of the Contract Documents shall have precedence. Bidder questions are listed below verbatim.

- A. North Bay Construction, Inc.
  - 1. Station 70+40 exists the entrance gate into the SCWA property. Is it the intent to remove the center post/stop to install the pipeline?  
Owner's response: No.

2. Station 1+00-19+00 vineyard clearing. Who is responsible to replace the wood anchor posts holding the vine wire?

Owner's response: Replacement of the wood anchor posts holding the vine wire is not required.

3. Communications and Electrical conduit sheet 22-23 plans. Can these conduits be installed in one trench? The detail appears to show two trenches side x side.

Owner's response: Bid it as you see it.

4. Plan sheet 12 of 30 specifies the type of trench sections as indicated on the plans. Bedding trench "d" is not indicated on any of the pipeline profiles. Will this item be determined by the owners' representative and paid for as extra work. The specification state we do not to over excavate unless approved by the owner. Please clarify.

Owner's response: Yes, this item will be paid as extra Work per Contract Documents.

5. Project Specification; Part D: Experience of Prime Contractor; This section requires the prime contractor to list three similar projects of similar nature with costs of at least \$2.5 million over the past five years, and include buried installation of 36-inch diameter or larger CCP or MLCP, minimum 2000 lineal feet. Many of the local contractors whom have been in this area over 20 years specializing in underground pipeline will not be able to meet this criteria as stated. This type of project is unique in nature. As a specialty pipeline contractor we believe we are capable of constructing this project with the parameters of the specifications. We are asking the SCWA to adjust these requirements as to not discriminate against the local contractors.

***Will this be a basis for rejection of the bids?***

Owner's response: Experience requirements are addressed in this Addendum above. Provisions regarding rejection of the bids are in the Contract Documents.

**B. Ghilotti Construction Company**

1. Is the contractor responsible for replacement of damaged or removed vineyard/irrigation system within the R.O.W/T.C.E in APN 083-010-047??

Owner's response: No.

2. How is payment for work completed per document 00805 (Hazardous Materials) handled??

Owner's response: Work resulting from the presence of hazardous materials will be paid as extra Work.

END OF DOCUMENT